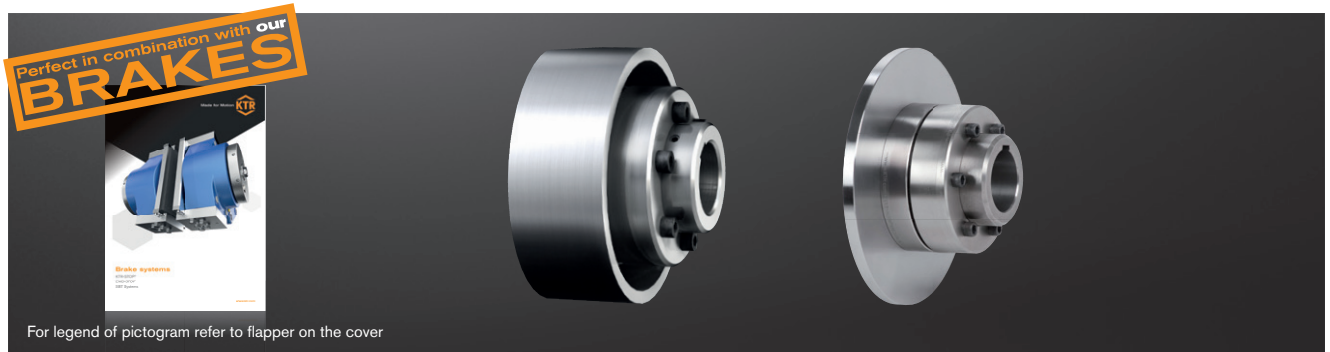


POLY-NORM® BTA and SBA

Flexible couplings

With brake drum/brake disk for brake stop



POLY-NORM® Type AR-BTA, AR-SBA, ADR-BTA and ADR-SBA														
Size	Elastomer ring ¹⁾ (component 2)		Dimensions [mm]											
	Torque [Nm]		D, D ₁	Max. finish bore			D _H	D ₂	D ₃	z	M ₁	l _{1, 2}	E	L
	T _{KN}	T _{K max}		d ₁	d ₂	d ₃								
38	90	180	For dimensions D, D ₁ please refer to our company catalogue on page 67 and 69	40	34	38	87	61	75	5 x 72°	M6	38	4	80
42	150	300		45	38	42	96	68	82	5 x 72°	M8	42	4	90
48	220	440		50	44	48	106	77	92	6 x 60°	M8	48	5	101
55	300	600		60	50	55	118	88	104	6 x 60°	M8	55	5	115
60	410	820		65	56	60	129	96	114	6 x 60°	M8	60	5	125
65	550	1100		70	60	65	140	104	122	6 x 60°	M10	65	5	135
75	850	1700		80	68	75	158	121	140	6 x 60°	M10	75	5	155
85	1350	2700		90	78	85	182	137	160	6 x 60°	M12	85	5	175
90	2000	4000		95	85	90	200	146	174	6 x 60°	M16	90	5	185
100	2900	5800		110	95	100	224	164	195	6 x 60°	M16	100	6	206
110	3900	7800		50-120	105	50-110	250	184	218	8 x 45°	M16	110	6	226
125	5500	11000		55-140	115	55-125	280	208	245	8 x 45°	M20	125	6	256
140	7200	14400		65-155	55-135	65-140	315	233	276	8 x 45°	M20	140	6	286
160	10000	20000		75-175	65-155	75-160	350	263	308	9 x 40°	M20	160	6	326
180	13400	26800		75-200	65-175	75-180	400	298	349	10 x 36°	M20	180	6	366

POLY-NORM® Type BTA																
POLY-NORM® size	38	42	48	55	60	65	75	85	90	100	110	125	140	160	180	Max. speed [rpm] with v = 60 m/s ³⁾
ØD _B x B Brake drum ²⁾	Dimensions C [mm]															
160x60	4															7150
200x75	9	8	4													5725
250x95	17	16	20	7	3	0										4575
315x118		25	21	16	12	9	2.5	-3.5								3625
400x150			34	28	25	22	15.5	9.5	9	3						2850
500x190										18	12	-2				2275
630x236											20	13	-4			1800
710x265												24	7	-11		1600

POLY-NORM® Type SBA																
POLY-NORM® size	38	42	48	55	60	65	75	85	90	100	110	125	140	160	180	Max. speed [rpm] with v = 60 m/s ³⁾
ØA _x G Brake disk ²⁾	Dimensions N [mm]															
200x12.5	13.75															5725
250x12.5	13.75	14.75	18.75													4575
315x16		13	17	22	26	29	35.5									3625
400x16			17	22	26	29	35.5	41.5	42	48						2850
500x16				22	26	29	35.5	41.5	42	48	54	64				2275
630x20											46	52	62	69	86	1800
710x20											46	52	62	69	86	1600
800x25											43.5	49.5	59.5	66.5	83.5	1425
900x25												49.5	59.5	66.5	83.5	1250

¹⁾ Standard material Perbunan [NBR], for selection see page 14 et seqq.

²⁾ Steel

³⁾ Dynamic balancing required

Other sizes on request

Ordering example:	POLY-NORM® 38	ADR-BTA	Ø200 x 75	d ₂ = Ø32 NnD	d ₃ = Ø25 NnD
	Coupling size	Type	Brake drum Ø	Component with finish bore	Component with finish bore